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DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
REPORT ON INFORMATION TECHNOLOGY SYSTEMS

Information Technology Initiatives in FY 1993. DNA has installed additional hardware and software to provide the required B-1 Level Security (multi-level processing) on the Agency host processor acquired via the GSA Exchange/Sale Program. Additional on-line and near-line storage will be purchased to ensure the Agency's ability to continue its implementation of "lights-out" computer operations. The Agency will expand its LAN operations through procurement of storage array units. Additional office automation (OA) functions have begun that provides users with capability to access an on-line central file/directives management system through integration of object-oriented front end OA toolsets built upon high-speed optical disk technology that utilizes relational database management and file management systems. DNA will purchase and install a CRAY Y-MP-class processor to provide increased capability for Agency research and development projects which have increased the payoff in expenditures of research dollars. During FY 93, DNA has provided increased telecommunications bandwidth to support the scientific computing visualization projects.

Management Process Used to Validate Data: DNA senior management approves all requests for resources through program management reviews before these resources are reflected in the Agency budget.

Cost Changes Between FY1992, FY1993 and FY1994 of Thirty Percent or More.

Item 1A, "Capital Investments - Purchase of Hardware": 1) In FY93, there was a 315% increase. Increase is for purchase of supercomputing resources (\$15.5 million) in FY93 for support of Agency's Scientific Computing Program.

Item 3A, "Equipment rental, space, and other operating costs - Lease of Hardware": 1) In FY94, there is a 100% decrease. Decrease is due to the end of a federal lease to ownership between Field Command, DNA and Digital Equipment Corporation (DEC). This hardware represents a dual VAX 3800 with 5 VAX 3100 workstations for support of the Nuclear Inventory Material and Cataloging System (NIMACS).

Item 3C, "Equipment rental, space, and other operating costs - space": 1) In FY94, there was a 30% increase. Increase is due to an assessment increase from GSA for SLUC (standard level user charge) associated with DNA's headquarters, computer operations center.

Page 1 of 2

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**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
REPORT ON INFORMATION TECHNOLOGY SYSTEMS**

- Item 3D, "Equipment rental, space, and other operating costs-supplies and other": 1) In FY94, there is a 38% decrease. Decrease is due to "No New Starts" planned in FY94 for purchases of off-the-shelf applications software and supplies in support of both Field Command, DNA and Headquarters DNA, Local Area Networks (LAN) and office administration.
- Item 4C, "Commercial services-data communications": 1) In FY93, there is a 295% increase. Increase is due to separate budgeting for DNA's Scientific Computing Program for data communications and then transferring the payments under 5.A Interagency Services-Payments.
- Item 4D, "Commercial services-operations and maintenance": 1) In FY93, there is a 34% increase. This increase resulted from additional support to the DNA's Headquarters, Computer Operations Center.
- Item 4E, "Commercial services-systems analysis, programming, design, and engineering": 1) In FY93, there is a 37% increase. Increase is due to DNA's Nuclear Operations/Safety Assessment Program development of an Information Management System that will provide an integrated and centralized capability for collecting, processing, storing, analyzing and retrieving information relevant to nuclear weapon system safety.
- Item 4G, "Commercial services-significant use of information technology": 1) In FY94, there is a 60% decrease. This decrease is due to completion of modeling efforts related to A/C systems and in-silo systems response.

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DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
REPORT ON INFORMATION TECHNOLOGY SYSTEMS

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
1. <u>Capital investments (\$000)</u>			
A. Purchase of hardware	4777	19836	4763
B. Purchase of software	1962	1492	1314
C. Site or facility	3		
	<hr/>	<hr/>	<hr/>
Subtotal	6742	21328	6077
2. <u>Personnel</u>			
A. Compensation, benefits and travel (\$000)	5648	5852	6137
B. Workyears	145	148	148
	<hr/>	<hr/>	<hr/>
Subtotal	5648	5852	6137
3. <u>Equipment rental, space, and other operating costs (\$000)</u>			
A. Lease of hardware	126	124	
B. Lease of software	274	277	284
C. Space	173	180	234
D. Supplies and other	567	575	356
	<hr/>	<hr/>	<hr/>
Subtotal	1140	1156	874
4. <u>Commercial services (\$000)</u>			
A. ADPE time			
B. Voice communications			
C. Data communications	36	1098	1029
D. Operations and maintenance	3125	4179	4134
E. Systems analysis, programming, design, and engineering	5420	7428	6210
F. Studies and other	1303	1562	1612
G. Significant use of information technology	4077	5354	2137
	<hr/>	<hr/>	<hr/>
Subtotal	13961	19621	15122

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
REPORT ON INFORMATION TECHNOLOGY SYSTEMS

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
5. <u>Interagency services (\$000)</u>			
A. Payments	14846	12640	11482
B. Offsetting collections	103	104	104
	<hr/>	<hr/>	<hr/>
Subtotal	14743	12536	11378
6. <u>Intra-agency services (\$000)</u>			
A. Payments			
B. Offsetting collections			
	<hr/>	<hr/>	<hr/>
Subtotal	0	0	0
7. <u>Other services (\$000)</u>			
A. Payments			
B. Offsetting collections			
	<hr/>	<hr/>	<hr/>
Subtotal	0	0	0
TOTAL	<hr/>	<hr/>	<hr/>
Total obligations	42234	60493	39588
Workyears	145	148	148
Appropriation/Fund			
RDT&E	24166	42801	22370
O&M	13874	13188	12958
P,DA	2262	2817	2538
MP	1932	1687	1722
MILCON			
* <u>Breakdown of line 4.D</u>			
Hardware maintenance	1192	1916	1982
Software maintenance	45	615	630
Computer Ops Support	1524	997	908
Hub Networks	364	651	614
Other			
	<hr/>	<hr/>	<hr/>
TOTAL	3125	4179	4134

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
SUMMARY REPORT ON DEVELOPMENT AND MODERNIZATION

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
1. <u>Capital investments (\$000)</u>			
A. Purchase of hardware	2645	17191	3178
B. Purchase of software:			
1) Purchase of operating systems and communications software that exceeds \$15,000	225		100
2) Purchase of custom applications software that exceeds \$15,000	1447	1212	921
3) Purchase of off-the-shelf applications software that exceeds \$15,000	145	125	293
C. Site or facility			
Subtotal	<u>4462</u>	<u>18528</u>	<u>4492</u>
2. <u>Personnel and travel</u>			
A. Compensation and benefits (\$000)			
1) General management			
2) Other	2168	2218	2301
B. Workyears			
1) General management	3	3	3
2) Other	67	68	67
C. Travel (\$000)	91	97	98
Subtotal	<u>2259</u>	<u>2315</u>	<u>2399</u>
3. <u>Equipment rental, space, and other operating costs (\$000)</u>			
A. Lease of hardware	126	124	
B. Lease of software:			
1) Lease of operating systems and communications software	166	165	168
2) Lease of applications software			
C. Space			
D. Supplies and other:			
1) Purchase of off-the-shelf operating systems and communications software of \$15,000 or less			

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
SUMMARY REPORT ON DEVELOPMENT AND MODERNIZATION

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
2) Purchase of off-the-shelf applications software of \$15,000 or less	12	28	
3) Supplies	15	58	83
4) Other	3	19	22
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Subtotal	322	394	273
4. <u>Commercial services (\$000)</u>			
A. ADPE time			
B. Voice communications			
C. Data communications			
D. Operations			
E. Maintenance:			
1) Hardware	462	478	503
2) Software	4	50	53
F. Systems analysis, programming, design and engineering:			
1) Purchase of custom applications software of \$15,000 or less			
2) Design and/or development of services, networks or facilities	4004	6384	5122
G. Studies and other:			
1) Studies	1029	1228	1456
2) Commercial training	106	50	50
3) Other	38	32	22
H. Significant use of information technology	4077	5354	2137
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Subtotal	9720	13576	9343

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
SUMMARY REPORT ON DEVELOPMENT AND MODERNIZATION

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
5. <u>Interagency services</u>			
A. Payments	300	0	0
1) Office of Naval Research-- Development of Scientific Computer Codes	200		
2) Naval Ocean Systems Center-- Development of Scientific Computer Codes	100		
B. Offsetting collections	0	0	0
Subtotal	300	0	0

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
SUMMARY REPORT ON DEVELOPMENT AND MODERNIZATION

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
6. <u>Intra-agency services</u>			
A. Payments			
B. Offsetting collections			
Subtotal	0	0	0
7. <u>Other services</u>			
A. Payments			
B. Offsetting collections			
Subtotal	0	0	0
TOTAL			
Total obligations	17063	34813	16507
Workyears	70	71	70
Appropriation/Fund			
RDT&E	11574	30075	11064
O&M	3704	3398	3378
P,DA	1524	1004	1672
MP	261	336	393
MILCON			

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
REPORT ON NON-MAJOR AUTOMATED INFORMATION SYSTEM COST

Automated information system name and number GFE Scientific Computing Modernization

Life-cycle cost (LCC) in millions of dollars: \$ 15.5 (then-year dollars)
\$ 15.5 (constant dollars) (base year)

Period covered by LCC: FY 93-97

Life-cycle management phase: Milestone 0

Warner exempt: No

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
1. <u>Capital investments (\$000)</u>			
A. Purchase of hardware		15500	
B. Purchase of software:			
1) Purchase of operating systems and communications software that exceeds \$15,000			
2) Purchase of custom applications software that exceeds \$15,000			
3) Purchase of off-the-shelf applications software that exceeds \$15,000			
C. Site or facility			
Subtotal	0	15500	0
2. <u>Personnel and travel</u>			
A. Compensation and benefits (\$000)			
1) General management			
2) Other			
B. Workyears			
1) General management			
2) Other			
C. Travel (\$000)			
Subtotal	0	0	0
3. <u>Equipment rental, space, and other operating costs (\$000)</u>			
A. Lease of hardware			
B. Lease of software:			
1) Lease of operating systems and communications software			
2) Lease of applications software			
C. Space			
D. Supplies and other:			
1) Purchase of off-the-shelf operating systems and communications software of \$15,000 or less			
2) Purchase of off-the-shelf applications software of \$15,000 or less			
3) Supplies			
4) Other			
Subtotal	0	0	0

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
REPORT ON NON-MAJOR AUTOMATED INFORMATION SYSTEM COST

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
4. <u>Commercial services (\$000)</u>			
A. ADPE time			
B. Voice communications			
C. Data communications			
D. Operations			
E. Maintenance:			
1) Hardware			
2) Software			
F. Systems analysis, programming, design and engineering:			
1) Purchase of custom applications software of \$15,000 or less			
2) Design and/or development of services, networks or facilities			
G. Studies and other:			
1) Studies			
2) Commercial training			
3) Other			
H. Significant use of information technology			
Subtotal	0	0	0
5. <u>Interagency services</u>			
A. Payments			
B. Offsetting collections			
Subtotal	0	0	0
6. <u>Intra-agency services</u>			
A. Payments			
B. Offsetting collections			
Subtotal	0	0	0
7. <u>Other services</u>			
A. Payments			
B. Offsetting collections			
Subtotal	0	0	0
TOTAL			
Total obligations	0	15500	0
Workyears	0	0	0
Appropriation/Fund			
RDT&E		15500	
O&M			
P.DA			
MP			
MILCON			

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
SUMMARY REPORT ON OPERATIONS AND OTHER COST

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
1. <u>Capital investments (\$000)</u>			
A. Purchase of hardware	2132	2645	1585
B. Purchase of software:			
1) Purchase of operating systems and communications software that exceeds \$15,000	45	52	
2) Purchase of custom applications software that exceeds \$15,000			
3) Purchase of off-the-shelf applications software that exceeds \$15,000	100	103	
C. Site or facility	3		
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Subtotal	2280	2800	1585
2. <u>Personnel and travel</u>			
A. Compensation and benefits (\$000)			
1) General management	980	1133	1176
2) Other	2312	2300	2451
B. Workyears			
1) General management	22	24	24
2) Other	53	53	54
C. Travel (\$000)	97	104	111
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Subtotal	3389	3537	3738
3. <u>Equipment rental, space, and other operating costs (\$000)</u>			
A. Lease of hardware			
B. Lease of software:			
1) Lease of operating systems and communications software			
2) Lease of applications software	108	112	116
C. Space	173	180	234
D. Supplies and other:			
1) Purchase of off-the-shelf operating systems and communications software of \$15,000 or less	11	78	100

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
SUMMARY REPORT ON OPERATIONS AND OTHER COST

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
2) Purchase of off-the-shelf applications software of \$15,000 or less	231	132	17
3) Supplies	215	133	113
4) Other	80	127	21
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Subtotal	818	762	601

4. Commercial services (\$000)

A. ADPE time			
B. Voice communications			
C. Data communications	36	1098	1029
D. Operations	1888	1648	1522
E. Maintenance:			
1) Hardware	730	1438	1479
2) Software	41	565	577
F. Systems analysis, programming, design and engineering:			
1) Purchase of custom applications software of \$15,000 or less			
2) Design and/or development of services, networks or facilities	1416	1216	1088
G. Studies and other:			
1) Studies	34	10	11
2) Commercial training	52	21	22
3) Other	44	49	51
H. Significant use of information technology			
	<hr/>	<hr/>	<hr/>
Subtotal	4241	6045	5779

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
SUMMARY REPORT ON OPERATIONS AND OTHER COST

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
5. <u>Interagency services</u>			
A. Payments	14546	12640	11482
1) Department of Energy/Los Alamos Nat'l Lab--Scientific Computing Support	10713	9278	7999
2) Department of Energy--Scientific Computing Leased Lines	43		
3) Defense Information Systems Agency--Scientific Computing Leased Lines			
4) General Services Administration--Encryption Installation	60		
5) Department of Justice--Juris Data Base Access	2	3	3
6) Library of Congress--ADP Time	37	37	38
7) Department of Navy/NARDAC--Software License	1	1	1
8) Department of Defense/DARIC--Shipping Costs for Equipment	1		
9) Defense Information Systems Agency--Software Maintenance	104	134	144
10) Department of Air Force--Systems Development	623	100	100
11) Defense Information Systems Agency--DNA Hdqtrs Operations Support	1632	1087	1097
12) Department of Air Force--Johnston Atoll Communications	1330	2000	2100
B. Offsetting collections	103	104	104
1) Department of Navy--ADP Time	50	50	50
2) Foreign Military Sales--ADP Time	51	52	52
3) Strategic Defense Initiatives Office--ADP Time	2	2	2
Subtotal	14443	12536	11378

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
SUMMARY REPORT ON OPERATIONS AND OTHER COST

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
6. <u>Intra-agency services</u>			
A. Payments			
B. Offsetting collections			
	<hr/>	<hr/>	<hr/>
Subtotal	0	0	0
7. <u>Other services</u>			
A. Payments			
B. Offsetting collections			
	<hr/>	<hr/>	<hr/>
Subtotal	0	0	0
TOTAL	<hr/>	<hr/>	<hr/>
Total obligations	25171	25680	23081
Workyears	75	77	78
Appropriation/Fund			
RDT&E	12592	12726	11306
O&M	10170	9790	9580
P,DA	738	1813	866
MP	1671	1351	1329
MILCON			

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
MAJOR INFORMATION TECHNOLOGY ACQUISITION PLANS**

Major Automated Information Systems:

Name of Major Automated Information Systems: GFE Scientific Computing Modernization.

Item: **Capital Investments (\$000) - A purchase of Hardware Procurement Acquisition**

Obligations:	<u>1993</u>	<u>1994</u>
	15,500	

Description: DNA will purchase and install a replacement for the CRAY X-MP processor to provide increased capability for Agency research and development projects. This acquisition will increase payoff in expenditures of research dollars.

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
MAJOR INFORMATION TECHNOLOGY ACQUISITION PLANS**

Narrative Statement

I. AIS Title and Number: GFE/Scientific Computing Modernization

II. Responsible Organization: Information Resources Management Office (IRMO)
Scientific Computing Systems Division (IRM4)
Ms. Jacqueline L. Bell, Senior Computer Specialist
Date Manager Assigned to System: March 1992

III. Scope:

A. Mission Supported: The Defense Nuclear Agency's primary mission is to support the Office of the Secretary of Defense (OSD), the Joint Chiefs of Staff (JCS), the Military Departments, the Unified and Specified Commands, the Defense Agencies, and other Federal organizations, in analyzing the effects of nuclear weapons on conventional weapons systems and armed forces, and other aspects of the DoD nuclear program.

GFE Scientific Computing is classified as a separate category of AIS because it provides centralized supercomputing support for all Defense Nuclear Agency (DNA) Research, Development, Test and Evaluation (RDT&E) projects. To ensure its ability to accomplish key elements of its mission, DNA conducts a rigorous RDT&E program that encompasses every aspect of nuclear weapons effects. This program relies heavily on scientific computing to support the activities conducted by the three principal technical directorates: Shock Physics, Radiation, and Test.

These three directorates share a somewhat common approach to calculations -- as an aid to the basic understanding of the complex and interrelated physical phenomena that occur as the result of a nuclear explosion. In order to understand the uncertainties in the phenomenological models, as well as the parameters associated with these models, numerous sensitivity or parameter studies must be performed. These calculations are very often used to aid in the design of the experiments, models, and simulations, by predicting the type and levels of required measurements. After validation, the calculations are used to provide system-specific predictions of nuclear weapons effects to DoD.

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
MAJOR INFORMATION TECHNOLOGY ACQUISITION PLANS**

B. Functions Performed: Provide computational support for DoD researchers and their contractors performing RDT&E for DNA projects.

C. Current Resources Used: CRAY XMP/416 and other supercomputer resources provided by Los Alamos National Laboratory (LANL) on a reimbursable basis.

D. Benefits: DNA's participation in the LANL environment has proved to be extremely beneficial from both a technical and economic perspective. Verification of the continued cost effectiveness of the LANL/DNA arrangement was performed by comparing LANL to other commercial and government facilities that could provide the computer support required by DNA. Through participation in the LANL resource pooling, DNA saved approximately \$2 million in FY1991 alone.

The replacement supercomputer is a significant factor in maintaining DNA's scientific research capability, and containing the long term cost of providing computing support. The recent DoD High Performance Computing Plan, in which DNA was an integral participant, clearly demonstrated that the overall DoD supercomputing infrastructure is saturated and obsolete. It is critical DNA begin the DoD supercomputer technology renewal process, not only to meet DNA needs, but as a part of the overall DoD modernization in which DNA is a continuing principle participant. With the uncertainty surrounding future underground testing, DNA will increasingly rely on computer modeling and simulation. The supercomputer is our key to the future. The acquisition will also be cost-effective, with an economic pay-back within three years verses the cost of maintaining an obsolete system, while buying high-end computing time on the open market. The current DNA operating system is increasingly incompatible with others with which we interact, i.e. less than 10% of max capability of sister systems. If a replacement is not acquired in order to meet our critical computing requirements, DNA will be required to maintain an aging system while buying computing time from other sources at an additional total cost of nearly \$7M annually. This projection is based upon a minimum of 15,000 CPU hours of large memory vector/scalar time with charges for storage and connection.

IV. Milestones:

A. Milestone Description:

	<u>Approved Schedule</u>	<u>Current Estimate</u>	<u>Approval Level</u>
I. Procurement Approved (Internal Agency Approval)	FY1990	FY1990	Director, DNA

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
MAJOR INFORMATION TECHNOLOGY ACQUISITION PLANS**

II. Competitive Procurement for Supercomputer Resources	FY1993	FY1993	Director, DNA
III. Procure Supercomputer Resources	FY1993	FY1993	Director, DNA
IV. Install Supercomputer at LANL	FY1993	FY1993	Director, DNA

B. Identify the year in which the system was approved: 1990

**C. Identify the Branch responsible for oversight: Information Resources
Management Office**

V. Major Items of Interest:

**A. Status: On schedule for procurement of supercomputer resources in FY1993.
No outstanding problem areas.**

B. Contracts: None

- (1) Life-Cycle Cost:**
 - Approved Estimate - \$N/A**
 - Current Estimate - \$15.5 million**
- (2) Program Cost:**
 - Approved Estimate - \$N/A**
 - Current Estimate - \$15.5 million**
- (3) Sunk Cost - \$0**
- (4) Cost to Complete - \$15.5 million**
- (5) Resources Changes - N/A**

**VI. HASC 102.60 Special Report; Rationale for continued DEV/MOD CIM
(nonmigration systems only).**

**The current DNA GFE/Scientific Computing resource became saturated in
FY1992 and obsolete in FY1993. DNA is proceeding to upgrade and modernize the
GFE/Scientific Computing resource to continue providing for DNA's projected
scientific computing growth.**

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract

1. Identification -- All participants:

- a. **Contract Name:** Standard Software Requirements Contract 1
- b. **Description of equipment:** S/W and H/W

2. Contract Data (for contracts already awarded) -- All participants:

- a. **Contract Number:** F01620-91-D-0001
- b. Estimated Contract Obligations by appropriation (show estimated contract requirements).

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
• Procurement	15	20	25
• O&M			
• Other (specify)			

- c. **Units acquired/to be acquired by FY:** 300 Units of office automation S/W and H/W

3. Contract Data (for contracts already awarded) - Lead Component only:

- a. Contract awarded to:
- b. Brand name(s) and model number(s) of primary hardware and software:
- c. Contract Award Date:
- d. Contract type: (requirements or IDIQ)
- e. Basic contract duration in years:
- f. Contract renewal options:
- g. Scope of the contract (including purpose):

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
h. Estimated value of contract:			
i. Minimum obligation by FY:			

4. Contract Data (for contracts not yet awarded) - All participants:

- a. Contract Number:
- b. Estimated Contract Obligations by appropriation

	<u>FY 1992</u>	<u>FY 1993</u>	<u>FY 1994</u>
• Procurement			
• O&M			
• Other (specify)			

- c. **Units acquired/to be acquired by FY:**

5. Solicitation data (for contracts not yet awarded) - Lead Component only

- a. Is acquisition exempt from the Brooks Bill under the Warner Amendment?
- b. If applicable, date and GSA case number of Delegation Procurement?
- c. Estimated date of contract award:
- d. Scope of the proposed contract:
- e. Estimated quantities of hardware, software, or services to be acquired:
- f. If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:
- g. Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract

1. Identification -- All participants:

- a. **Contract Name:** Companion Contract
- b. **Description of equipment:** S/W and H/W

2. Contract Data (for contracts already awarded) -- All participants:

- a. **Contract Number:** N66032-91D-0002
- b. Estimated Contract Obligations by appropriation (show estimated contract requirements).

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
• Procurement	20	22	24.2
• O&M			
• Other (specify)			

- c. **Units acquired/to be acquired by FY:** 300 Units of office automation S/W and H/W

3. Contract Data (for contracts already awarded) - Lead Component only:

- a. Contract awarded to:
- b. Brand name(s) and model number(s) of primary hardware and software:
- c. Contract Award Date:
- d. Contract type: (requirements or IDIQ)
- e. Basic contract duration in years:
- f. Contract renewal options:
- g. Scope of the contract (including purpose):

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
h. Estimated value of contract:			
i. Minimum obligation by FY:			

4. Contract Data (for contracts not yet awarded) - All participants:

- a. Contract Number:
- b. Estimated Contract Obligations by appropriation

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
• Procurement			
• O&M			
• Other (specify)			

- c. **Units acquired/to be acquired by FY:**

5. Solicitation data (for contracts not yet awarded) - Lead Component only

- a. Is acquisition exempt from the Brooks Bill under the Warner Amendment?
- b. If applicable, date and GSA case number of Delegation Procurement?
- c. Estimated date of contract award:
- d. Scope of the proposed contract:
- e. Estimated quantities of hardware, software, or services to be acquired:
- f. If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:
- g. Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract

1. Identification -- All participants:

- a. **Contract Name:** National Photographic Interpretation Contract
- b. **Description of equipment:** Sun Equipment and Workstations

2. Contract Data (for contracts already awarded) -- All participants:

- a. **Contract Number:** 93-K 362300-000
- b. Estimated Contract Obligations by appropriation (show estimated contract requirements).

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
• Procurement		800	500
• O&M			
• Other (specify)			

c. **Units acquired/to be acquired by FY:**

3. Contract Data (for contracts already awarded) - Lead Component only:

- a. Contract awarded to:
- b. Brand name(s) and model number(s) of primary hardware and software:
- c. Contract Award Date:
- d. Contract type: (requirements or IDIQ)
- e. Basic contract duration in years:
- f. Contract renewal options:
- g. Scope of the contract (including purpose):

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
h. Estimated value of contract:			
i. Minimum obligation by FY:			

4. Contract Data (for contracts not yet awarded) - All participants:

- a. Contract Number:
- b. Estimated Contract Obligations by appropriation

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
• Procurement			
• O&M			
• Other (specify)			

c. **Units acquired/to be acquired by FY:**

5. Solicitation data (for contracts not yet awarded) - Lead Component only

- a. Is acquisition exempt from the Brooks Bill under the Warner Amendment?
- b. If applicable, date and GSA case number of Delegation Procurement?
- c. Estimated date of contract award:
- d. Scope of the proposed contract:
- e. Estimated quantities of hardware, software, or services to be acquired:
- f. If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:
- g. Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract

1. Identification -- All participants:

- a. **Contract Name:** Office Automation Secure Information System
- b. **Description of equipment:** System Design, Application Development, COTS Hardware, COTS Software and Full Life Cycle Support Services

2. Contract Data (for contracts already awarded) -- All participants:

- a. **Contract Number:** F34608-89-D-0006
- b. Estimated Contract Obligations by appropriation (show estimated contract requirements).

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
• Procurement		1000	1000
• O&M		400	425
• Other (specify)			

c. Units acquired/to be acquired by FY:

3. Contract Data (for contracts already awarded) - Lead Component only:

- a. Contract awarded to:
- b. Brand name(s) and model number(s) of primary hardware and software:
- c. Contract Award Date:
- d. Contract type: (requirements or IDIQ)
- e. Basic contract duration in years:
- f. Contract renewal options:
- g. Scope of the contract (including purpose):

	<u>FY1992</u>	<u>FY1993</u>	<u>FY1994</u>
h. Estimated value of contract:			
i. Minimum obligation by FY:			

4. Contract Data (for contracts not yet awarded) - All participants:

- a. Contract Number:
- b. Estimated Contract Obligations by appropriation

	<u>FY1992</u>	<u>FY1993</u>	<u>FY1994</u>
• Procurement			
• O&M			
• Other (specify)			

c. Units acquired/to be acquired by FY:

5. Solicitation data (for contracts not yet awarded) -Lead Component only

- a. Is acquisition exempt from the Brooks Bill under the Warner Amendment?
- b. If applicable, date and GSA case number of Delegation Procurement?
- c. Estimated date of contract award:
- d. Scope of the proposed contract:
- e. Estimated quantities of hardware, software, or services to be acquired:
- f. If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:
- g. Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract

1. Identification -- All participants:
- a. **Contract Name:** Tactical Air Force Workstations
 - b. **Description of equipment:** Sun Equipment and Workstations
2. Contract Data (for contracts already awarded) -- All participants:
- a. **Contract Number:** F19630-91-D-0005
 - b. Estimated Contract Obligations by appropriation (show estimated contract requirements).

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
• Procurement		1000	1000
• O&M		410	425
• Other (specify)			

c. **Units acquired/to be acquired by FY:**

3. Contract Data (for contracts already awarded) - Lead Component only:
- a. Contract awarded to:
 - b. Brand name(s) and model number(s) of primary hardware and software:
 - c. Contract Award Date:
 - d. Contract type: (requirements or IDIQ)
 - e. Basic contract duration in years:
 - f. Contract renewal options:
 - g. Scope of the contract (including purpose):

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
h. Estimated value of contract:			
i. Minimum obligation by FY:			

4. Contract Data (for contracts not yet awarded) - All participants:
- a. Contract Number:
 - b. Estimated Contract Obligations by appropriation

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
• Procurement			
• O&M			
• Other (specify)			

c. **Units acquired/to be acquired by FY:**

5. Solicitation data (for contracts not yet awarded) - Lead Component only
- a. Is acquisition exempt from the Brooks Bill under the Warner Amendment?
 - b. If applicable, date and GSA case number of Delegation Procurement?
 - c. Estimated date of contract award:
 - d. Scope of the proposed contract:
 - e. Estimated quantities of hardware, software, or services to be acquired:
 - f. If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:
 - g. Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1994 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract

1. Identification -- All participants:
 - a. **Contract Name:** AFCAC 300
 - b. **Description of equipment:** HP Super-Minicomputers
2. Contract Data (for contracts already awarded) -- All participants:
 - a. **Contract Number:** F19630-93-D-0001
 - b. **Estimated Contract Obligations by appropriation** (show estimated contract requirements).

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
• Procurement		1000	800
• O&M			
• Other (specify)			

- c. **Units acquired/to be acquired by FY:** 300 Units of office automation S/W and H/W

3. Contract Data (for contracts already awarded) - Lead Component only:
 - a. Contract awarded to:
 - b. Brand name(s) and model number(s) of primary hardware and software:
 - c. Contract Award Date:
 - d. Contract type: (requirements or IDIQ)
 - e. Basic contract duration in years:
 - f. Contract renewal options:
 - g. Scope of the contract (including purpose):

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
h. Estimated value of contract:			
i. Minimum obligation by FY:			

4. Contract Data (for contracts not yet awarded) - All participants:
 - a. **Contract Number:**
 - b. **Estimated Contract Obligations by appropriation**

	<u>FY1992</u>	<u>FY1993</u>	<u>FY 1994</u>
• Procurement			
• O&M			
• Other (specify)			

- c. **Units acquired/to be acquired by FY:**

5. Solicitation data (for contracts not yet awarded) - Lead Component only
 - a. Is acquisition exempt from the Brooks Bill under the Warner Amendment?
 - b. If applicable, date and GSA case number of Delegation Procurement?
 - c. Estimated date of contract award:
 - d. Scope of the proposed contract:
 - e. Estimated quantities of hardware, software, or services to be acquired:
 - f. If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:
 - g. Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.